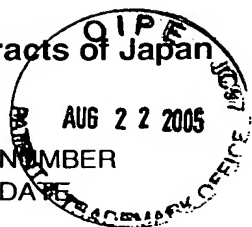


# EUROPEAN PATENT OFFICE

Patent Abstracts of Japan



PUBLICATION NUMBER : 63165477  
PUBLICATION DATE : 08-07-88

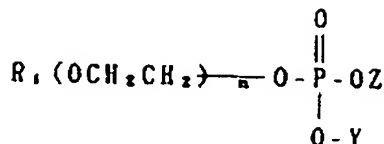
APPLICATION DATE : 26-12-86  
APPLICATION NUMBER : 61315491

APPLICANT : LION CORP;

INVENTOR : KIYOMIYA AKIRA;

INT.CL. : C09K 3/30 A61K 7/00 A61K 7/06

TITLE : FOAM-FORMING AEROSOL  
COMPOSITION



ABSTRACT : PURPOSE: To obtain the titled composition capable of forming fine, stable and easily spreadable foam, by using a phosphoric acid ester expressed by a specific formula, a cationic surfactant, a nonionic surfactant and a cationic polymer as essential components.

CONSTITUTION: The objective composition contains (A) a phosphoric acid ester of formula [R<sub>1</sub> is 8~22C alkyl, hydroxyalkyl, alkenyl or alkylphenyl; Z is H, alkali metal, alkyl-substituted ammonium or hydroxyalkyl-substituted ammonium; Y is R<sub>1</sub>-(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub>- or Z; n is 1~50], (B) a cationic surfactant (preferably a quaternary ammonium salt or amino acid-type cationic surfactant), (C) a nonionic surfactant [e.g. fatty acid (8~18C) alkylolamide] and (D) a cationic polymer. The component D is preferably a cationized cellulose produced by bonding hydroxyethyl cellulose with glycidyltrimethylammonium chloride through ether bond.

COPYRIGHT: (C)1988,JPO&Japio